

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH-1759X (US)APPLICATION NUMBER  
10/091.108LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
MATZAKOS ET AL.FILING DATE  
March 5, 2002GROUP ART UNIT  
1724

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JAL	AA	4,810,485	3/89	Marianowski et al.	423	648.1	
JAL	AB	5,525,322	6/96	Willms	423	653	
JAL	AC	5,741,474	4/98	Isomura et al.	423	648.1	
JAL	AD	5,861,137	1/99	Edlund	423	652	
JAL	AE	5,229,102	7/93	Minet et al.	423	652	
JAL	AF	5,938,800	8/99	Verrill et al.	48	127.9	
JAL	AG	6,294,149 B1	9/01	Autenrieth et al.	423	648.1	
JAL	AH	6,231,831 B1	5/01	Autenrieth et al.	423	648.1	
JAL	AI	5,326,550	7/94	Adris et al.	423	652	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
JAL	AL	1,024,111 A1	02/08/00	Europe	C01B	3/32	X	
JAL	AM	99/18392	15/04/99	WO	F23C	11/00	X	
	AN							
	AO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

Jennifer Leung

DATE CONSIDERED

6/14/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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OCT 21 2002

Page 1 of 1

FORM PTO-1449 (Modified for Citation of Foreign Cited References)

TC 1700

ATTY. DOCKET NO.  
TH-1759X (US)

SERIAL NO.  
10/091,108

LIST OF INFORMATION PROVIDED  
BY APPLICANT

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MATZAKOS ET AL.

FILING DATE  
March 5, 2002

GROUP  
1754

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date*	Patentee	Date* Cited in Foreign Patent Office
JAL	AA	6,180,081 B1	30/01/01	Poschmann et al.	10/09/02
	AB				
	AC				
	AD				

FOREIGN PATENT DOCUMENTS

		Document No.	Country	Date*	Date* Cited in Foreign P.O.	English Translation Yes	English Translation No
JAL	AF	06,345,408 (Abst only)	JP	20/12/94	10/09/02	X	
	AG						
	AH						
	AI						
	AL						

OTHER PUBLICATIONS (AUTHOR, TITLE, DATE\*, PLACE OF PUBLICATION, PERTINENT PAGES)

			Date* Cited in Foreign P.O.	English Translation Yes	English Translation No
	AO				
	AR				
	AS				

FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

FOREIGN PATENT OFFICE

	AU	Search Report dated 10/09/02. Copy not provided.
	AV	

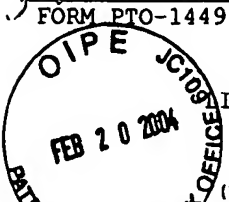
EXAMINER Jennifer Leung

DATE CONSIDERED 6/14/05

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\*Date when provided in xx/yy/zz format represents DAY/MONTH/YEAR.

FORM PTO-1449 (Modified for Citation of Foreign Cited References) 	ATTY. DOCKET NO. TH-1759 (US)	SERIAL NO. 10/091,1018
	APPLICANT MATZAKOS ET AL.	
	FILING DATE March 5, 2002	GROUP

LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

Examiner Initial	Document No.	Date*	Patentee	Date* Cited in Foreign Patent Office
<i>Duplicate</i>	<del>AA 5,861,137</del>	<del>19/01/99</del>	<del>Edlund</del>	<del>05/09/03</del>
<i>Duplicate</i>	<del>AB 5,229,102</del>	<del>20/07/93</del>	<del>Minet et al.</del>	<del>05/09/03</del>
AC				
AD				

FOREIGN PATENT DOCUMENTS

	Document No.	Country	Date*	Date* Cited in Foreign P.O.	English Translation Yes No
<i>DAL</i>	AF 02/070402 A2	WO	12/00/02	05/09/03	X
<i>Duplicate</i>	<del>AG 1,024,111 A1</del>	<del>EP</del>	<del>02/08/00</del>	<del>05/09/03</del>	<del>X</del>
<i>Duplicate</i>	<del>AH 99/18392</del>	<del>WO</del>	<del>15/04/99</del>	<del>05/09/03</del>	<del>X</del>
<i>DAL</i>	AI 924,162 A2	EP	23/06/99	05/09/03	X
<i>DAL</i>	AL 1,219,001 + Abst.	JP	01/09/89	05/09/03	Abst only

OTHER PUBLICATIONS (AUTHOR, TITLE, DATE\*, PLACE OF PUBLICATION, PERTINENT PAGES)

	Date* Cited in Foreign P.O.	English Translation Yes No
<i>DAL</i> AO A High Temperature Catalytic Membrane Reactor for Propane Dehydrogenation, Z. D. Ziaka, R. G. Minet and T. T. Tsotsis, pps. 221-232., Journal of Membrane Science, 77 (1993)	05/09/03	X
AR		
AS		

FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

FOREIGN PATENT OFFICE

<i>DAL</i> AU	Patent Cooperation Treaty dated 05/09/03 for PCT/US03/27995.
AV	

EXAMINER *Kenifer Leung* DATE CONSIDERED *06/14/2005*

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FORM PTO-1449 (Modified for Citation of Foreign  
Cited References)ATTY. DOCKET NO.  
TH-1759 (US)SERIAL NO.  
10/091,1048LIST OF INFORMATION PROVIDED  
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MATZAKOS ET AL.FILING DATE  
March 5, 2002GROUP  
1754

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date*	Patentee	Date* Cited in Foreign Patent Office
JAL	AA	5,639,431	17/6/97	Shirasaki et al.	
JAL	AB	5,997,594	7/12/99	Edlund et al.	
JAL	AD	5,810,485	22/9/98	Dublin, Jr. et al.	

## FOREIGN PATENT DOCUMENTS

		Document No.	Country	Date*	Date* Cited in Foreign P.O.	English Translation Yes No
JAL	AF	945,174 B1 + abst.	EP	29/9/99		X
	AG					
	AH					
	AI					
	AL					

## OTHER PUBLICATIONS (AUTHOR, TITLE, DATE\*, PLACE OF PUBLICATION, PERTINENT PAGES)

			Date* Cited in Foreign P.O.	English Translation Yes No
	AO			
	AR			
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## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

## FOREIGN PATENT OFFICE

	AU	
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EXAMINER Jennifer Leung

DATE CONSIDERED 6/15/05

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